

Lgi3 蛋白抗体

产品货号 : mlR11879

英文名称 : LGI3

中文名称 : Lgi3 蛋白抗体

别名 : Leucine rich repeat LGI family member 3; Leucine-rich glioma inactivated protein 3; Leucine-rich glioma-inactivated protein 3; Leucine-rich repeat LGI family member 3; LGI1 like protein 4; LGI1-like protein 4; LGI3; LGI3_HUMAN; LGIL4.

研究领域 : 细胞生物 发育生物学 神经生物学 信号转导

抗体来源 : Rabbit

克隆类型 : Polyclonal

交叉反应 : Human, Mouse, Rat, Dog, Pig, Horse, Sheep,

产品应用 : WB=1:500-2000 ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 ICC=1:100-500 IF=1:100-500

(石蜡切片需做抗原修复)

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分子量 : 59kDa

细胞定位 : 细胞浆 细胞膜 分泌型蛋白

性状 : Lyophilized or Liquid

浓度 : 1mg/ml

免疫原 : KLH conjugated synthetic peptide derived from human LGI3:101-220/548

亚 型 : IgG

纯化方法 : affinity purified by Protein A

储 存 液 : 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件 : Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

PubMed : PubMed

产品介绍 : The leucine-rich (LRR) repeat is a 20-30 amino acid motif that forms a hydrophobic α / β horseshoe fold, allowing it to accommodate several leucine residues within a tightly packed core. All LRR repeats contain a variable segment and a highly conserved segment, the latter of which accounts for 11 or 12 residues of the entire LRR motif. Leucine-rich glioma-inactivated protein 3 (LGI3), also known as LGI1-like protein 4 (LGIL4) or leucine-rich repeat LGI family member 3, is a 548 amino acid secretory protein. LGI3 contains five LRR repeats and seven EAR repeats. Widely expressed, with highest levels in brain and lung, LGI3 has been shown to colocalize with endocytosis-associated proteins, lipid raft markers, and Syntaxin. The gene encoding LGI3 maps to chromosome 8p21.3.

Function:

May participate in the regulation of neuronal exocytosis.

Subunit:

Interacts with STX1A

Subcellular Location:

Secreted (Potential). Cytoplasmic vesicle, secretory vesicle, synaptic vesicle (By similarity). Cell junction, synapse, synaptosome (By similarity). Note=Found in the synaptosomal membrane fraction

Tissue Specificity:

Widely expressed, with highest levels in brain and lung.

Similarity:

Contains 7 EAR repeats.

Contains 3 LRR (leucine-rich) repeats.

Contains 1 LRRCT domain.

Contains 1 LRRNT domain.

SWISS:

Q8N145

Gene ID:

203190

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

产品图片

